

Fen Complex (FX)



The Fen Complex map class (FX) is a broad map class encompassing fens that occur along streams, in peatlands with drainage, and in peatlands with no inlet streams (closed fens). The fen communities were not mapped separately because they were either too similar in signature to one another or because they occur in a mosaic pattern that is too fine to discern individually on the aerial photographs. Included in this map class are other non-forested wetland types that may occur in patches such as alder, sweetgale, and mixed graminoid meadows. These types are often found mixed in with the fen communities. (These types were also mapped individually when they could be confidently recognized on the photos.) Wetland tall shrubs of alder or sweetgale, dwarf shrubs such as leatherleaf, sheep laurel, black crowberry, and dwarf huckleberry and a mix of graminoid and dwarf shrub species may be present in any polygon of FX.

The signature of FX is typically a mottled pattern of oranges, greens, and white representing the various vegetation types. Together, they form a mosaic, with each too small (< MMU) or too intertwined to map separately.

FX was mapped in low elevation basins throughout the map area.

The FX map class represents nine NVCS associations: [Northern Peatland Shrub Swamp](#), [Sweetgale Mixed Shrub Swamp](#), [Northern Dwarf-shrub Bog](#), [Maritime Crowberry Bog](#), [Leatherleaf Acidic Fen](#), [Eastern Tussock Sedge Meadow](#), [Seasonally Flooded Mixed Graminoid Meadow](#), [Slender Sedge Fen](#), and [Few-seeded Sedge - Leatherleaf Fen](#). A mix of two or more of these associations may be present within a polygon of FX.

Polygons: 169, Hectares: 476, Average size (h): 3

Fen Complex (FX), cont.

Accuracy Assessment Results

Producers' accuracy: 70% (Confidence interval 57% - 82%)

Users' accuracy: 88% (Confidence interval 78% - 99%)

Errors in **producers' accuracy** were associated with map classes Conifer Swamp Woodland (spruce-mixed or white cedar phases, CSW or WCS, 4 errors), Alder Shrubland (ASP, 2 errors), Sweetgale Mixed Shrub Fen (3 errors), Graminoid Shallow Marsh (SMG, 3 errors), and Open Water - Deep Marsh Complex (OWM, 1 error). Errors in **users' accuracy** were associated with map classes Conifer Swamp Woodland (spruce-mixed or white cedar phases, CSW or WCS, 2 errors) and Open Water - Deep Marsh Complex (OWM, 2 errors).

Special Notes:

Errors in producer's accuracy to CSW/WCS were caused by disagreement between mapper's and ground crew's view in the total canopy cover of trees.